

## Chen, Isaac

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**From:** Trujillo, Erin S, NMENV <erin.trujillo@state.nm.us>  
**Sent:** Thursday, April 09, 2015 10:32 AM  
**To:** Chen, Isaac  
**Cc:** Hogan, James, NMENV; Yurdin, Bruce, NMENV; Holcomb, Sarah, NMENV; Saladen, Michael T (saladen@lanl.gov); Bailey, Marc A (marc@lanl.gov); Nguyen, Tung; Larsen, Brent; Turner, Gene E. (Gene.Turner@nnsa.doe.gov); Johnsey, Paulette; Rosborough, Evelyn  
**Subject:** RE: EPA, NPDES Permit No. NM0028355, Final Permit Decision for Permit Modifications

Just a comment. Minor changes ended up being on Pages 1, 2 and 3 of Part I.

Thank you Isaac for the quick response. Erin

Erin S. Trujillo  
New Mexico Environment Department  
Surface Water Quality Bureau, Room N2050  
Point Source Regulation Section, Industrial Team  
P.O. Box 5469 - 1190 St. Francis Dr, Santa Fe, NM 87505  
Santa Fe, New Mexico 87502 - 5469

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For Surface Water Quality Bureau Information, see [www.nmenv.state.nm.us/swqb](http://www.nmenv.state.nm.us/swqb) or call 505-827-0187.

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**From:** Chen, Isaac [mailto:Chen.Isaac@epa.gov]  
**Sent:** Thursday, April 09, 2015 9:19 AM  
**To:** Trujillo, Erin S, NMENV  
**Cc:** Hogan, James, NMENV; Yurdin, Bruce, NMENV; Holcomb, Sarah, NMENV; Saladen, Michael T (saladen@lanl.gov); Bailey, Marc A (marc@lanl.gov); Nguyen, Tung; Larsen, Brent; Turner, Gene E. (Gene.Turner@nnsa.doe.gov); Johnsey, Paulette; Rosborough, Evelyn  
**Subject:** RE: EPA, NPDES Permit No. NM0028355, Final Permit Decision for Permit Modifications

Hi,

On page 1 of Part I, "20 C" was omitted under the Monthly Average column for 6T3 Temperature, although Footnote (\*5) provides the 6T3 temperature limit of 20 C. For clarification purposes, Daily Maximum 24 C under 6T3 is deleted and replaced it with 24 C Temperature. Footnote (\*5) is also revised to reflect the changes. The correct copy is attached. Please replace the page with the correct copy. All changes are minor due to typos or for clarification purposes. The permit modification will be effective on May 1, 2015.

Please let me know if you have any questions about these changes.

Isaac Chen  
214-665-7364

**From:** Trujillo, Erin S, NMENV [mailto:erin.trujillo@state.nm.us]  
**Sent:** Thursday, April 09, 2015 9:14 AM  
**To:** Chen, Isaac  
**Cc:** Hogan, James, NMENV; Yurdin, Bruce, NMENV; Holcomb, Sarah, NMENV; Saladen, Michael T (saladen@lanl.gov); Bailey, Marc A (marc@lanl.gov); Nguyen, Tung; Larsen, Brent; Turner, Gene E. (Gene.Turner@nnsa.doe.gov)

**Subject:** EPA, NPDES Permit No. NM0028355, Final Permit Decision for Permit Modifications  
**Importance:** High

Isaac,

Please note that permittee representatives are cc'd on this e-mail.

I just left you a telephone message. There appears to be a typo on Page 1 of Part I of the Permit (now) for the 6T3 temperature. Give me a call at 505-827-0418 if you need more from NMED to make this correction.

Erin

Erin S. Trujillo  
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**From:** Bailey, Marc A [<mailto:marc@lanl.gov>]  
**Sent:** Wednesday, April 08, 2015 4:54 PM  
**To:** Yurdin, Bruce, NMENV; Trujillo, Erin S, NMENV; Holcomb, Sarah, NMENV  
**Cc:** Saladen, Michael Thomas  
**Subject:** EPA, NPDES Permit No. NM0028355, Final Permit Decision for Permit Modifications

All-

I know NMED was cc'd on this, but I want to make sure you have a copy.

Marc

PART I - REQUIREMENTS FOR NPDES PERMITSA. EFFLUENT LIMITATIONS AND MONITORING REQUIREMENTSOUTFALL 001

Discharge Type: Continuous

Latitude 35°52'26"N, Longitude 106°19'09"W (TA-3-22)

During the period beginning the effective date of the permit and lasting through the expiration date of the permit (unless otherwise noted), the permittee is authorized to discharge Power Plant waste water from cooling towers, boiler blowdown drains, demineralizer backwash, R/O reject, floor and sink drains, and treated sanitary re-use to Sandia Canyon, and the discharge creates a perennial portion of Sandia Canyon, Segment Number 20.6.4.126 of the Rio Grande Basin.

Such discharges shall be limited and monitored by the permittee as specified below:

<u>EFFLUENT CHARACTERISTIC</u>	<u>DISCHARGE LIMITATIONS</u>				<u>MONITORING REQUIREMENTS</u>	
	<u>CONCENTRATION</u>		<u>LOADING</u>		<u>FREQUENCY</u>	<u>SAMPLE TYPE</u>
	<u>(mg/L, unless stated)</u>		<u>(Lbs/day, unless stated)</u>			
	<u>MONTHLY</u>	<u>DAILY</u>	<u>MONTHLY</u>	<u>DAILY</u>		
	<u>AVERAGE</u>	<u>MAXIMUM</u>	<u>AVERAGE</u>	<u>MAXIMUM</u>		
Flow (MGD)	***	***	Report	Report	Continuous	Record
TSS	30	100	Report	Report	1/Month	24-hr Composite
E. Coli (#/100 ml) (*1)	126	410	***	***	2/Month	Grab
Total Residual Chlorine	***	0.011 (*2)	***	***	1/Week	Grab
Total Recoverable Aluminum	***	0.9889 (*3)	***	***	1/Year	Grab
Dissolved Copper	***	0.0073 (*3)	***	***	1/Year	Grab
Adjusted Gross Alpha	Report	Report	***	***	1/Term	Grab
Temperature (°C)	24°C (*4)	24°C	***	***	1/Week	Grab
6T3 Temperature (°C)	20°C (*5)	***	***	***	1/Hour	Grab (or Continuous Record)
Total PCB (µg/l) (*6)	0.00064	0.00064	Report	Report	1/Year	24-hr Composite
pH (Standard Unit)	Range from 6.6 to 8.8		***	***	1/Week	Grab

EFFLUENT CHARACTERISTICS	DISCHARGE MONITORING		MONITORING REQUIREMENTS	
WHOLE EFFLUENT TOXICITY TESTING (*7) (7-day Static Renewal)	MONTHLY AVG MINIMUM	7-DAY MINIMUM	MEASUREMENT FREQUENCY	SAMPLE TYPE
Ceriodaphnia dubia	Report	Report	1/5 Years	24-Hr Composite
Pimephales promelas	Report	Report	1/5 Years	24-Hr Composite

#### SAMPLING LOCATION(S)

Samples taken in compliance with the monitoring requirements specified above shall be taken at the following location(s): following final treatment and prior to or at the point of discharge from Outfall 001.

#### NO DISCHARGE REPORTING

If there is no discharge event at this outfall during the sampling month, place an "X" in the NO DISCHARGE box in the Discharge Monitoring Report.

#### FLOATING SOLIDS, OIL AND GREASE

There shall be no discharge of oils, scum, grease and other floating materials that would cause the formation of a visible sheen or visible deposits on the bottom or shoreline, or would damage or impair the normal growth, function or reproduction of human, animal, plant or aquatic life.

#### FOOTNOTES

- \*1 Geometric mean. Effluent limitations and monitoring requirements only apply when effluent from Outfall 13S is rerouted and discharged at Outfall 001.
- \*2 Effluent limitation for TRC is the instantaneous maximum and cannot be averaged for reporting purposes.
- \*3 Effluent limitations take effective on the date of three years from the effective date of the permit.
- \*4 Monitoring and reporting requirements for temperature end when 6T3 Temperature limitation becomes effective.
- \*5 6T3 Temperature of 20°C (68°F) shall not be exceeded for six or more consecutive hours in a 24-hour period on more than three consecutive days. The effluent limitation and monitoring requirements of 6T3 takes effective on the date one-day before

the permit expiration date. Daily maximum temperature shall be determined by 6T3 temperature record when 6T3 temperature becomes in effect.

- \*6 EPA published congener Method 1668 Revision and detection limits shall be used. [The permittee is allowed to develop an effluent specific MDL in accordance with Appendix B of 40 CFR Part 136 (instructions in Part II.A of this permit).] Human health-based limitations.
- \*7 Critical dilution 100%, and the dilution series are 32%, 42%, 56%, 75%, 100%. See Part II, Section G. Whole Effluent Toxicity (7-Day Chronic Testing).